DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 5649-1145

TO: 919 854 1401

As a below named inventor, I hereby declare that:

03-AUG-12 14:53 FROM:KORYO

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHODS OF PROGRAMMING NON-VOLATILE SEMICONDUCTOR MEMORY DEVICES INCLUDING COUPLING VOLTAGES AND RELATED DEVICES,

| the specification | on of which |
|----------------------------------|---|
| is attached | hereto |
| OR | |
| was filed o | n as United States Application No. or PCT International Application |
| Number | and was amended on (if applicable). |
| I hereby state specification, | that I have reviewed and understand the contents of the above-identified including the claims, as amended by any amendment referred to above. |

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56, including material information that became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

| 64767 | Korea | 10/23/2002 | ⊠ Yes □ No |
|--------|---------|------------------|------------------|
| Number | Country | MM/DD/YYYY Filed | Priority Claimed |
| | | | ☐ Yes ☐ No |
| Number | Country | MM/DD/YYYY Filed | Priority Claimed |
| | | | Yes No |
| Number | Country | MM/DD/YYYY Filed | Priority Claimed |

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorncy(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer Number:

PATENT THADEMARK OFFICE

I hereby authorize the above-named attorneys to accept and follow instructions from my Korcan or United States representatives, Samsung Electronics, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the above-named attorneys and myself. In the event of a change in the persons from whom instructions may be taken, I will notify the above-named attorneys.

Send correspondence to:

Scott C. Hatfield

Customer Number:

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